

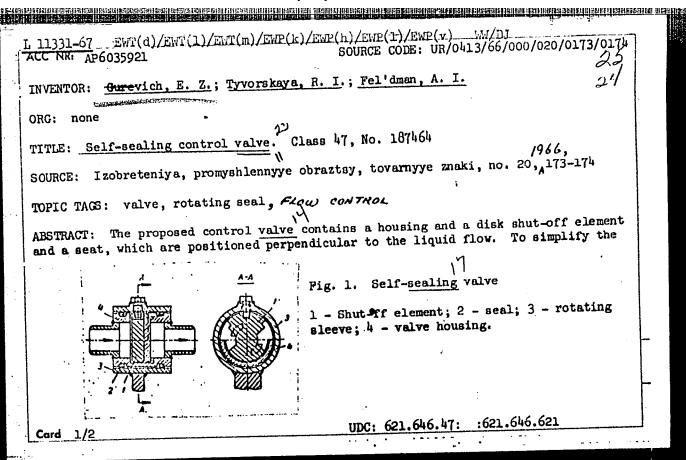
TA-NUPOO-UUSISKUUU61/410018-DRINHERG, Anatoliy Yakovlevich; GUREVICH, E.S.; TIKHOMIROV, A.V. [Technology of non-metal coatings] Tekhnologiia nemetallicheskikh pokrytii. Leningrad, Gos.nauchno-tekhn.izd-vo lit-ry, 1957. 588 p. illus.
(Protective coatings)

> CIA-RDP86-00513R000617410018-3" APPROVED FOR RELEASE: 03/20/2001

KONDRATOVA, K.G.; KUZOVLEV, A.I.; GUREVICH, E.Ye.; MALEINA, A.P.; MATROSOVA, N.I.

Rendering cyanide in waste waters harmless with liquid chlorine. Stal' 24 no.10:946 0 '64. (MIRA 17:12)

1. Kosogorskiy metallurgicheskiy zavod.



o a rotating sealing ig. 1). Orig. art. h	erational reliability, control sleeve which is as: 1 figure.	mounted on the valve	c Homane (100	
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GUREVICH, E.Z.

Temperature reaction of the organism in hypothermia. Khirurgiia 35 no.10:85-90 0 '59. (MIRA 12:12)

1. Iz kliniki obshchey khirurgii lechebnogo fakuliteta (zav. - prof. A.A. Busalov) II Moskovskogo meditsinskogo instituta im. N.I. Pirogova. (HYPERTHERMIA, INDUCED)

(BODY TEMPERATURE physiol.)

VARDONSKIY, E.K., inzh.; GUREVICH, E.Z., inzh.

Improvement in the design of a leveling container. Elek.sta. 31
no.6:36-38 Je '60.
(Boilers) (Liquid level indicators)

GURNICE, A.Z., inch.; SAGALOVICE, L.C., inch.

Errors of water level indicating columns. Emergetic 12 no.8:12-14

Ag '64.

(NHA 17:9)

GUREVICH, E.Z., inzh.

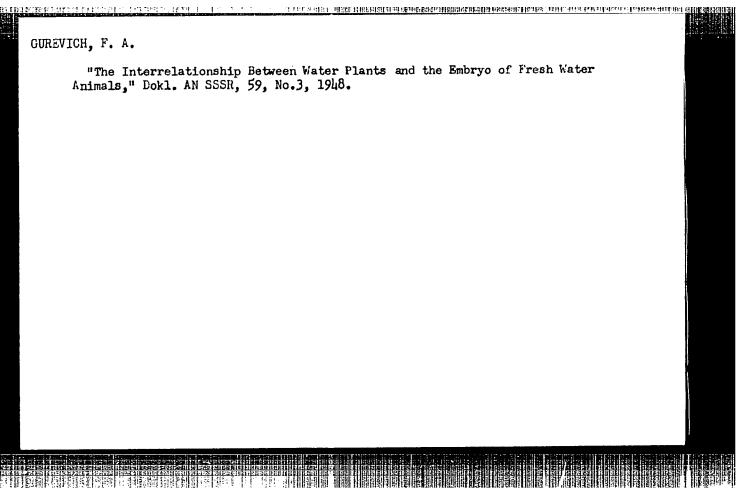
New intake devices for level indicators. Elek. sta. 36 no.12:
23-27 D'65.

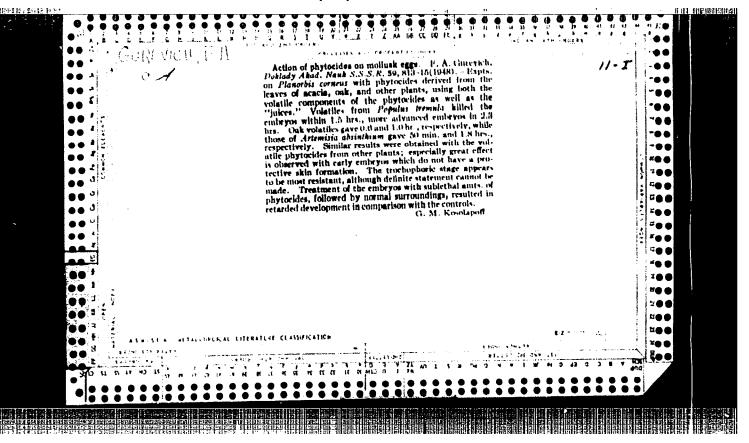
(MIRA 18:12)

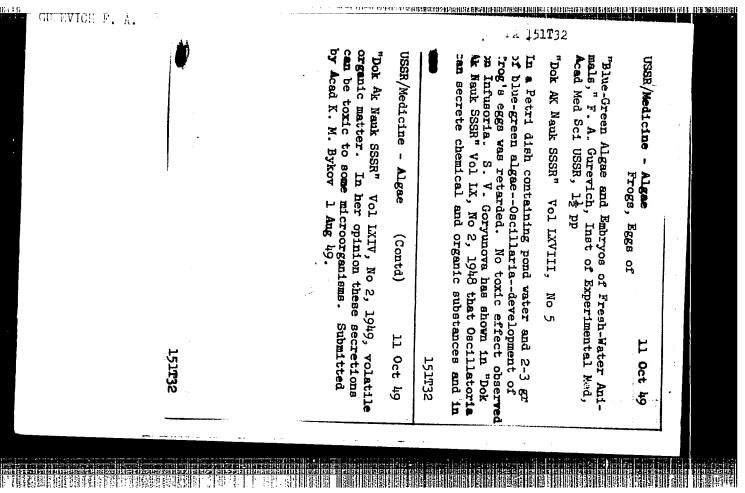
GUREVICH, F. A.

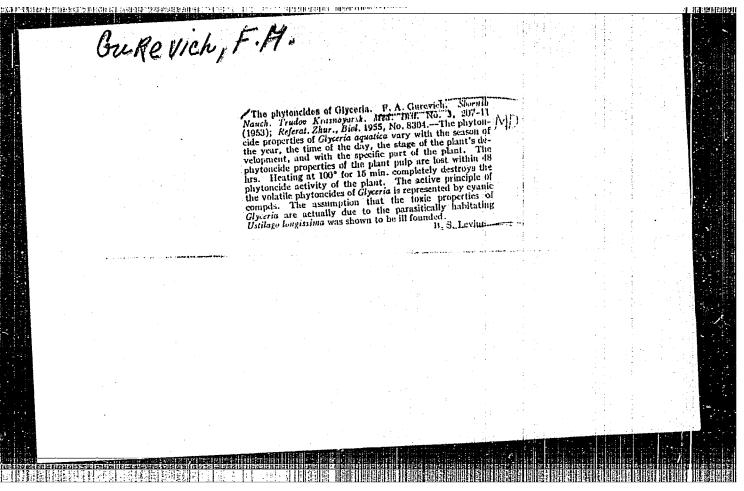
"The Resistance of the Bud of Rana Temporaria to Harmful "gents at Different Stages of Development," Dokl. AN SSSR, 59, No.1, 1948

Lab. of the Dynamics of Growth of an Organism, Inst. Experimental Med., AMS, Leningrad









LEVINSON, M.S.; KONOLOVA, G.S.; GUREVICH, F.A. Mechanism of the action on Protozoa of water subjected to ultrasonic radiation. Izv. Sib. otd. AN SSSR no.8:114-116

(MIRA 13:2)

l.Institut fiziki Sibirskogo otdeleniya AN SSSR i Krasnoyarskiy meditsinskiy institut. (Protozoa) (Ultrasonic waves -- Physiological effect)

CIA-RDP86-00513R000617410018-3" **APPROVED FOR RELEASE: 03/20/2001**

GUREVICH, F.A.; LEVINSON, M.S.; KOMOLOVA, G.S.

Effect of water exposed to ultrasonic waves on infusorians.
Uch. zap. Kras. gos. ped. inst. 15:253-255 '59. (MTMA 14:12)
(Ultrasonic waves—Physiological effect)
(Infusoria);

Effect of ultrasour¹ on the early periods of plant growth. Izv. Sib.otd.AN SSSR no.7:83-90 '60. (MIRA 13:8)

1. Krasnoyarskiy meditsinskiy institut fiziki Sibirskogo ctdeleniya AN SSSR.

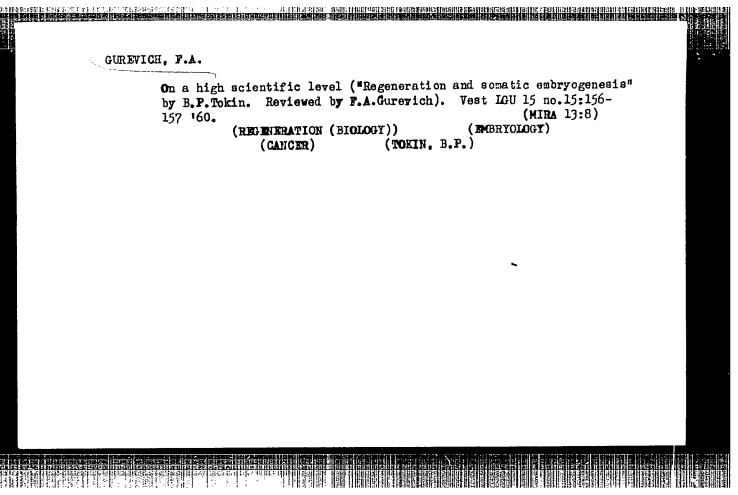
(Plants, Effect of ultrasonic waves on)

GUREVICH, F.A.; LEVINSON, M.S.

Effect of hydra of water irradiated with ultrasound. Izv.Sib.otd. AN SSSR no.3:126-128 '60. (MIRA 13:10)

1. Kransoyarskiy meditsinskiy institut i Krasnoyarskiy Institut fiziki Sibirskogo otdeleniya AN SSSR.

(Hydrozoa) (Ultrasonic waves—Physiological effect)



CIA-RDP86-00513R000617410018-3 GUREVICH, F.A. Effect of ultrasonic waves on the growth of poplar buds and their partencidal properties. Izv. Sib. otd. AN SSSR no.7: (MIRA 14:8) 116-119 161. 1. Krasnoyarskiy meditsinskiy institut. (Poplar) (Phytoncides) (Ultrasonic waves)

CIA-RDP86-00513R000617410018-3" APPROVED FOR RELEASE: 03/20/2001

GUREVICH, F.A., dots., otv. red.

[Chemical and biological effect of ultrasound] 0 khimicheskom i biologicheskom deistvii ultrazvuka. Krasnoiarsk, Akad. nauk SSSR, 1962. 204 p. (MIRA 16:5)

1. Akademiya nauk SSSR. Sibirskoye otdeleniye. Laboratoriya biofiziki.

(Ultrasonic waves)

L 1688-66

ACCESSION NR: AP5017083

UR/0290/65/000/001/0157/0158

AUTHOR: Gurevich, F. A.

TITLE: Conference on phytocide problems

SOURCE: AN SSSR. Sibirskoye otdeleniye. Izvestiya. Seriya

biologo-meditsinskikh nauk, no. 1, 1965, 157-158

TOPIC TAGS: biologic conference, biologic personnel, plant chemistry, plant morphology, fungicide, bactericide, wound, antibictic, horticulture, forestry, food technology, plant disease control, plant ecology, agronomy

ABSTRACT: The first conference on phytocide problems in Siberia and the Far East was held November 21-23, 1964 in Novosibirsk. More than 100 specialists attended including biologists, zoologists, botanists, agronomists, doctors, chemists and food technicians. Twenty papers were presented and brief resumes are given. Several papers dealt with phytocides in medicine. In a study of 618 higher plants, Ye. P. Lesnikov found that 207 are fungicide producers. Bactericidal properties of certain phytocides (clematis, onion, and spirea) against

Card 1/2

"APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R000617410018-3

L 1688-66

ACCESSION NR: AP5017083

blue pus causative agents, highly resistant to antibiotics, were described. Ramson phytocides were found effective in treating certain forms of periodontosis, tongue injuries, and chronic purulent otitis. A resolution was passed indicating the most important areas for future phytocide research: 1) a systematic study of the phytocide properties of plants, 2) role of phytocides in biocenoses and plant immunity, 3) a study of the chemical nature of phytocides, 4) development of phytocide uses in medicine, agriculture, forestry, food industry and other fields, and 5) investigation of highly phytocidic plants for use in beautification of cities, industrial areas and resorts. Orig. art. has: None.

ASSOCIATION: None.

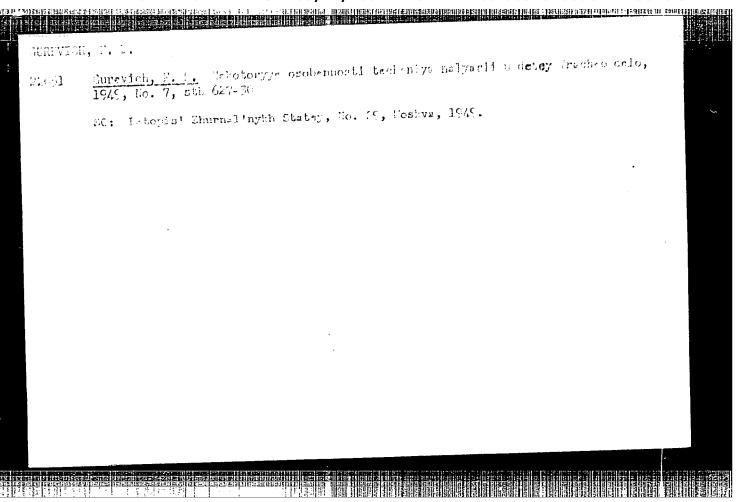
SUBMITTED:

ENCL:

SUB CODE:

NR REF SOV: 000

OTHER: 000



- 1. GUREVICH, F. D.
- 2. USSR (600)
- 4. Antiquities Baltic Sea Region
- 7. Ancient monuments of the southeastern Baltic Sea region and problems in studying them. Arat.soob.IIMK. no. 42, 1952.

9. Monthly List of Russian Accessions. Library of Congress, March 1953, Unclassified.

GUREVICH, F. L.

"Clinic and Outcome of Infectious Hepatitis in Children," Tesisy Dokladov 12-y Nauchnoy Sessii Stalingradskogo Meditsinskogo Instituta, Stalingrad, 1952, pp. 63,54.

W-27086, 25 Jul 53

THE PROPERTY OF THE PROPERTY O

ZILHER, D. A., GUREVICH, F. M.

Ocular ergography in luminescent lighting. Gig. sanit., Moskva No. 10, Oct. 50. p. 19-23

 1_{\circ} Of Leningred State Institute of Labor Hygiene and Occupational Diseases.

CLNL 20, 3, March 1951

GURECICH, CROISING

AUTHOR: Gurevich, Georgiy

4-12-10/24

TITLE:

Around the World in One Hour (Vokrug sveta v odin chas)

PERIODICAL:

Znaniye - Sila, 1957, # 12, pp 27 - 29 (USSR)

ABSTRACT:

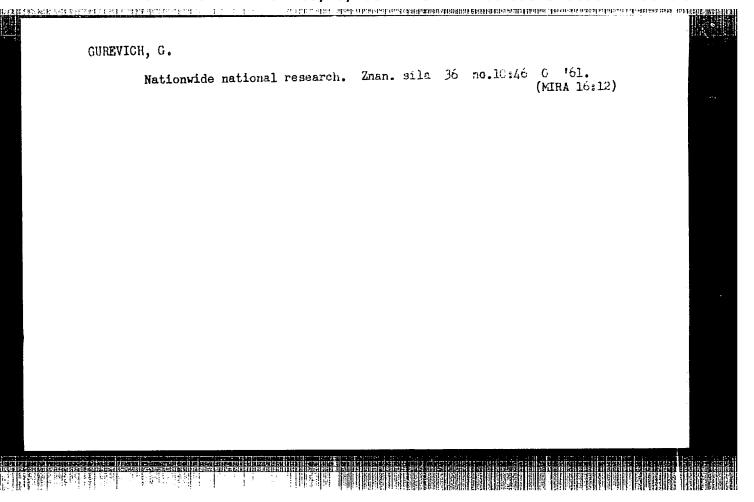
This is an excerpt from a science-fiction novel - "The Birth of the Sixth Ocean". It contains a description of a flight around the world made by Soviet scientists in two

so-called ionoplanes.
There are 3 figures.

AVAILABLE:

Library of Congress

Card 1/1



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Gulerich, G.

AUTHOR:

Gurevich, G., and Offman P.

4-1-16/19

TITLE:

The Cupola on the Kel'me (Kupol na Kel'me)

PERIODICAL:

Znaniye - Sila, 1958, # 1, pp 40-47 (USSR)

ABSTRACT:

This is a excerpt from a story describing the adventures of a party of explorers who went into the Taiga in order to

map the territory and search for oil.

There are 6 sketches.

AVAILABLE:

Library of Congress

Card 1/1

AUTHOR:

Gurevich, G.

SOV/29-58-11-9/28

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TITLE:

The Book on Our Assistants (Kniga o nashikh pomoshchnikakh)

PERIODICAL:

Tekhnika molodezhi, 1958, Nr 11, pp 13-13 (USSR)

ABSTRACT:

A new book is announced and briefly reviewed, namely "Energiya i chelovek" (Power and Man) by M. Vasil'yev, published by "Sovetskaya Rossiya", 1958, 316 pages, in an edition of

30 000 copies.

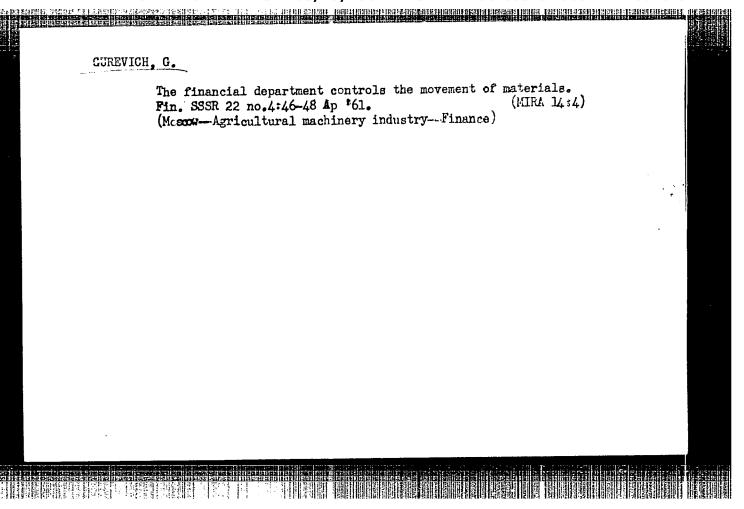
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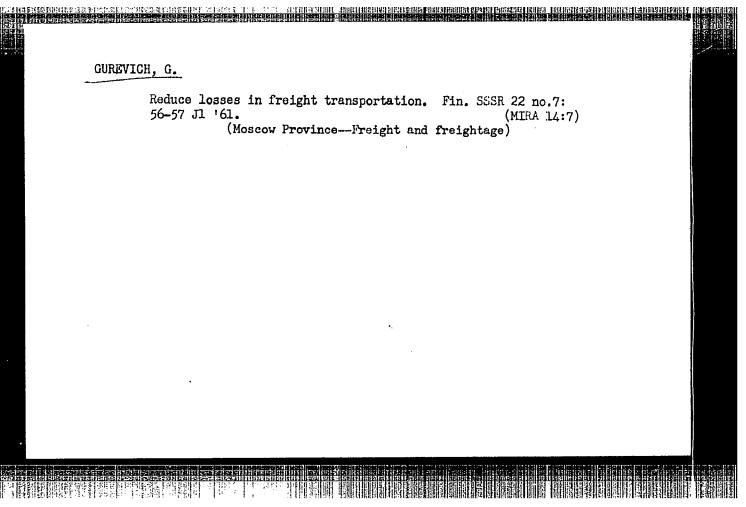
GUREVICH, G., kand. tekhn. nauk

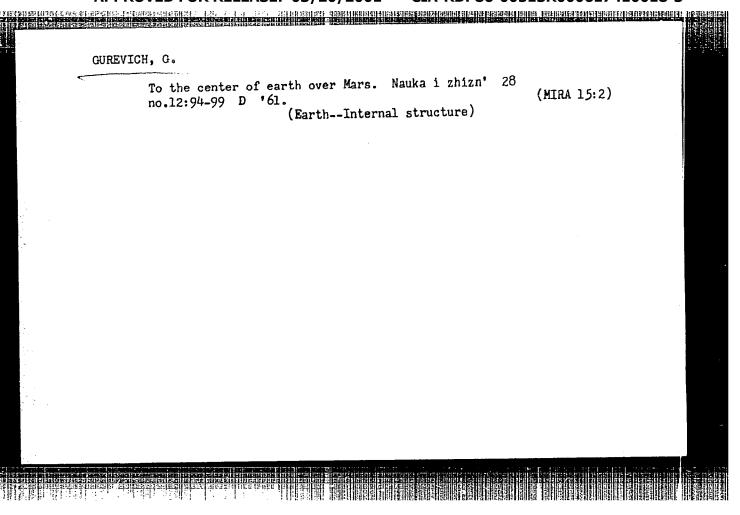
Monograph devoted to the complex organization of fleet and harbor operations. Mor. flot 23 no.10:44 0 '63. (MIRA 16:10)

1. Nachal'nik otdela ekonomiki i ekspluatatsii flota TSentral'nogo nauchno-issledovatel'skogo instituta morskogo flota.

(Merchant marine) (Harbors)



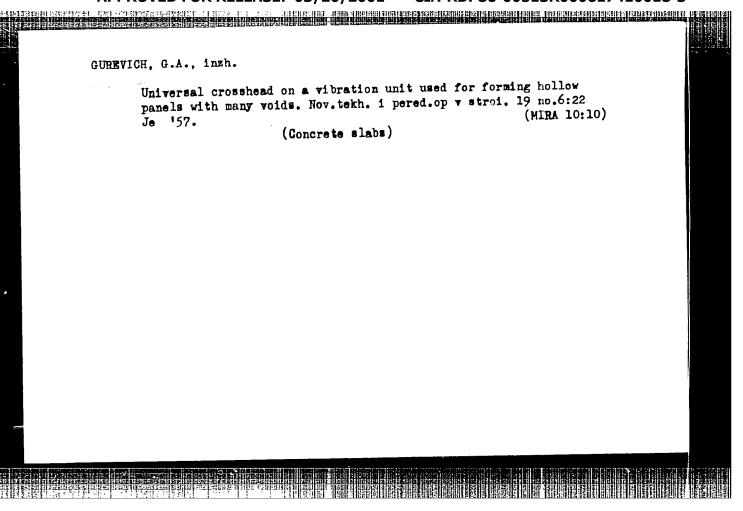


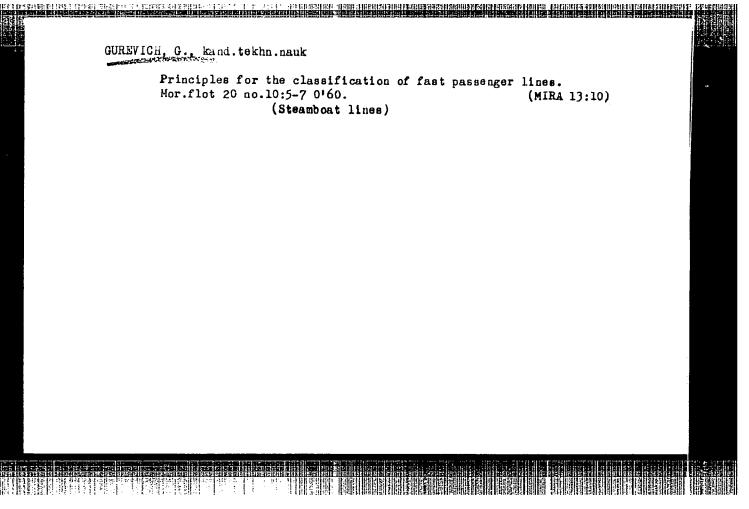


GUREVICH, G., doktor tekhn. nauk

Improve the management system of the merchant marine. Mor. flot 25 no.11:3-4 N *65. (MIRA 18:11)

1. Nachal'nik otdela ekonomiki i ekspluatatsii flota TSentral'nogo nauchno-issledovatel'skogo instituta morskogo flota, Leningrad.

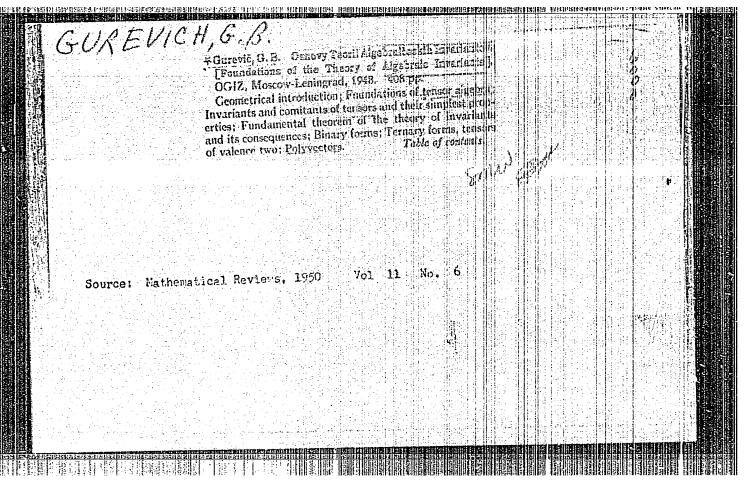




GUREVICH, G. B.

O nekotorykh arifmeticheskikh invaritakh roizvol'noy matrichnoy algebry li DAN, 45 (1944), 51-53. Geometricheskaya teoriya kuadratichnoy 1 kubicheskoy binarnykh form. M., uchen, zap. ped in-ta im K. Libknekhta, 7 (1940), 3-14. Analogiya mezhdu binarnoy kubicheskoy formoy 1 trivesktorom v shestimernom prostranstve. M., uchen zap. ped. in-ta im. K. Libknekhta, 7 (1940), 15-20. Arifmeticheskiye invarianty binarnoy formy chetvertogo poryadka, M., uchen zap ped. in-ta im. K. Libknekhta, 7 (1940), 21-30. Arifmeticheskiye kharakteristiki kvadrivektorov shestogo 1 sed mogo ranga. M., uchen. zap. ped. in-ta im. K. Libknekhta, 7 (1940), 31-34. O nekotorykh arifmeticheskikh invariantakh proizvol'noy matrichnov algebry 1i. DAN, 45 (1944), 51-53. Polnyye sistemy bivektorov. DAN, 45 (1944), 383-384.

SO: Mathematics in the USOR, 1917-1947
edited by Kurosh, A. G.,
Markushevich, A. I.,
Rashevskiy, P. K.
Moscow-Leningrad, 1948



Mathematical Reviews Vol. 15 No. 4 Apr. 1954 Algebra

1,24⁻⁵⁷

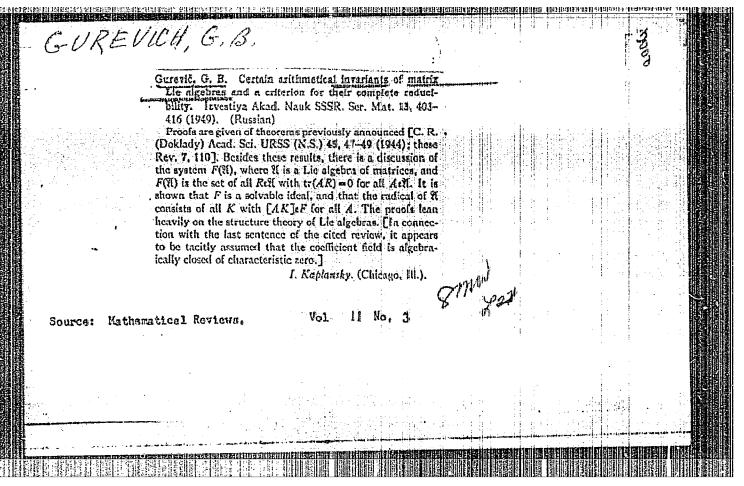
Gurevič, G. B. The algebra of trivectors. II. Trudy Sem. Vektor. Tenzor. Analizu 6, 28-124 (1948). (Russian)

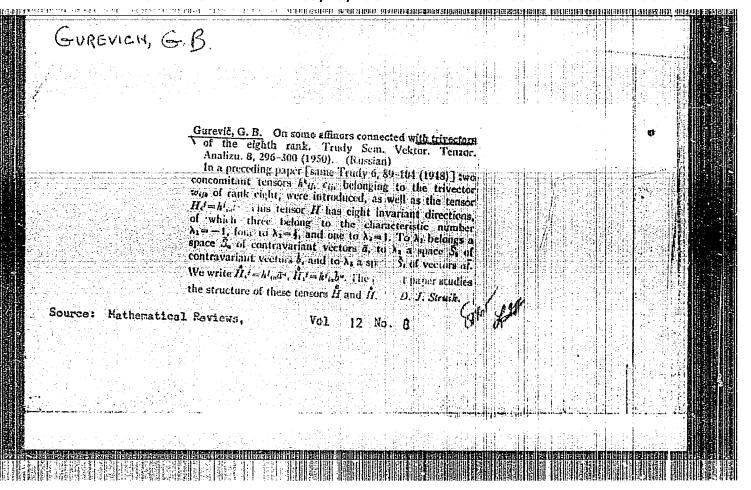
This paper [of which part I appeared in Trudy Sem. Vektor. Tenzor. Analizu 2-3, 51-118 (1935)] is a systematic study of the invariants and classification of trivectors, together with the labyrinth of algebraic constructions necessary for their derivation. The author's main contributions have been to give invariants characterizing the possible types of trivectors of rank 7 [the forms themselves were given by Schouten, Rend. Circ. Mat. Palermo 55, 137-156 (1931)] and the 13 types and characteristic invariants for rank 8 [C. R. (Doklady) Acad. Sci. URSS 2, 353-356 (1935)] in the field of complex numbers. The present paper supplies proofs not originally given and considerably simplifies cumbersome proofs in the earlier work of himself and others. A wealth of properties of trivectors and associated invariants and comitants is given. A start is also here made in the study of analogous problems for symmetric trivalent tensors, establishing inequalities between L. C. Hutchinson. the analogous invariants.

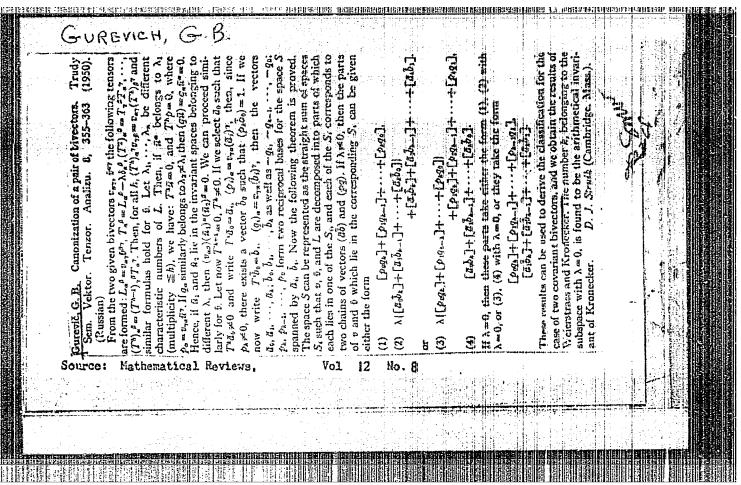
GUREVICH, G. B.

27571. Kvadratichnye formy v polyakh s kharakteristikov 2. Trudy seminara po vektornomu i tenzornomu analizu s ikh prilozheniyami k geometrii, mekhanike, i fizike. vyp. 7. M-L. 1949. s. 227-32.

SO: Letopis' Zhurnal'nykh Statey, Vol. 37, 1949







GUREVICH, G.B.

Gurevič, G. B. On some linear transformations of symmetric tensors or polyvectors. Mat. Sbornik N.S. 26(68), 463-470 (1950). (Russian)

This paper establishes conditions that a tensor A, symmetrical in k upper and k lower indices, can be written in the form

 $x_1 \cdots x_k$, $i_1 \cdots i_k = 1, \cdots, n$, and also deals with the corresponding case for alternating tensors (polyvectors). The following theorems are derived. (a) Let $c, 1, \dots, c$ be symmetrical tensors of valence k, where c and c are linearly independent. If the tensor $c = \lambda^k c + \lambda^{k-1} \mu c + \lambda^{k-2} \mu^2 c + \dots + \mu^k c$ is simple for any scalars λ , μ the ρ can be written in the form $(\lambda \rho + \mu q)^k$, where ρ and q are linearly independent vectors. Here the expressions $c = a^k$, $c = c^k b^m$ stand-for

$$c_{i_1i_2\cdots i_ki_k\cdots i_m}=a_{i_1}\cdots a_{i_k},$$

$$c_{i_1i_2\cdots i_ki_k\cdots i_m}=a_{(i_1\cdots i_k}b_{j_1\cdots j_m)}.$$

(3) Let A_{ij}^{eq} be symmetric in the upper and in the lower indices and of tank $i \neq 1$. Then A can be written in the form (1) if and only if it transforms an arbitrary simple symmetrical covariant k-valent tensor into a simple tensor of the same i and . This is equivalent to

(7) Let g linearly independent k-valent polyvictors k-vectors) be such that any linear combination of them is simple. Then either (1) all these k-vectors can be obtained from one and the same simple (k-1)-vector, or (2) all is in one and the same simple (k-1)-vector, or (2) all is in one and the same (k+1)-dimensional space. Case (1) is only possible if g = k+1, case (2) only if g = k+1. (5) Let C_n linearly independent s imple covariant k-vectors w be given in n-space, where S is a combination (without repetition) of k out of the p-indices $1, \dots, n$, and also C_n -isimple (k-1)-vectors w where T is a combination of k-1 of the same indices $(T \circ S)$. If the w can be obtained from the v when S contains every T, then it is possible to find n linearly independent vectors p, ..., p such that the k-vector w can be obtained from the vector p if the combination S contains the index i (18S). (c) Let $A_{ij}^{n+1} : \mathbb{Z}_i^n$ be a tensor skew symmetrical in the upper and in the lower indices and of nonsingular matrix. Let the dimension of space n be $\neq 2k$. Then the tensor A can be written in the form

if and only if it transforms an arbitrary sicaple covariant k-vector into a simple covariant k-tensor. This is equivalent to

$$A_{[0,1]_1,\dots,[n]_k}^{(\alpha_1[x_1,\dots,x_n]_k,\dots,[n]_k]} = 0.$$

The case n=2k is also discussed. The author quotes Lisbook [Foundations of the Theory of Algebraic Liverian s.] OGIZ, Moscow-Length ed. 1948; these Rev. 11, 413].

1. Struck (Cambridge, Mass.).

CUREVICH, G. B.

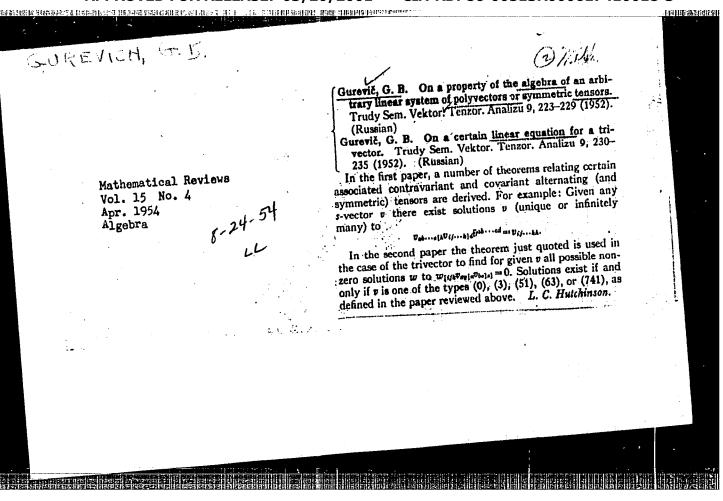
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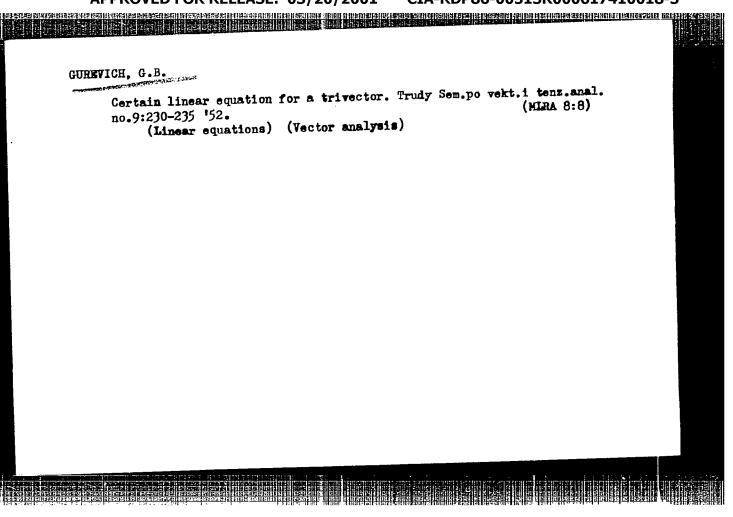
USSR/Mathematics - Tensors

"Complete Systems of Symmetric and Skew-Symmetric Tensors," G. B. Gurevich, Moscow

"Matemat Sbor" Vol XXVII (60), No 1, pp 103-116

Discusses certain special-order linear systems for which methods of classification are possible, in connection with sets of polyvectors (skew-symmetric tensors) of given valency k. Submitted 12 Mar 48.





Gurevič, G. B. On the inclusion of a linear system of pilyvectors or of symmetric tensors in a complete system.

Matchenatical Reviews
Vol. 15 No. 4.

Apr. 1954,
Algebra

9.24

Algebra

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Algebra

1.24

Algebra

1.25

Algebra

1.26

Algebra

USSR/Mathematics - Standard Lie algebras

FD-1425

Card 1/1

: Pub. 64 - 3/9

Author

: Gurevich, G. B. (Moscow)

Title

: Standard Lie algebras

Periodical

: Mat. sbor., Vol. 35 (77), pp 439-460, Nov-Dec 1954

Abstract

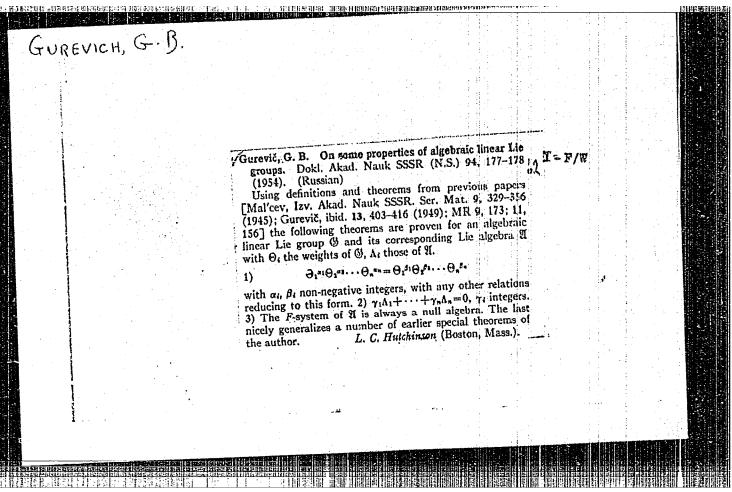
The author studies the principal properties of a special class of linear Lie algebras, called standard Lie algebras, whose determination is based upon concepts of the Lie nul algebra, complete nul algebra and main algebra (first introduced by the author in 1949-1950). Four references; e.g. G. B. Gurevich, "Certain arithmetic invariants of matrix Lie algebras and their criterion of complete derivability, Izv. AN SSSR, ser. matem., 13, No 5, 403-416, 1949; "Inclusion of any linear system of polyvectors or symmetric tensors into a complete system," Mat. sbor., 30 (72), 225-232,

1950.

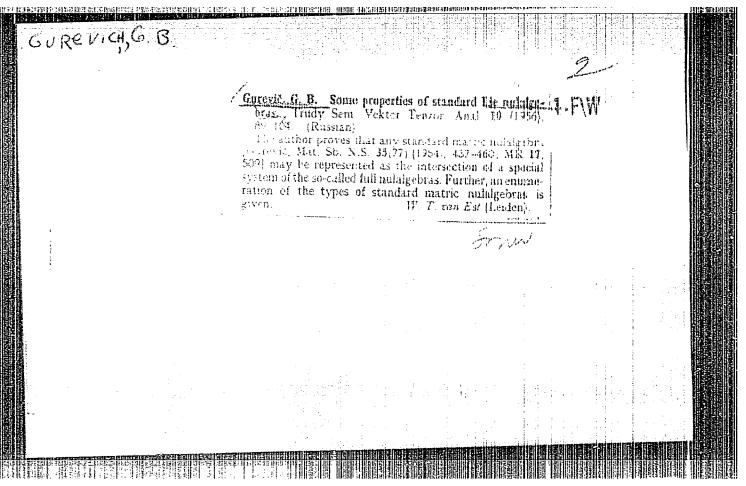
Institution :

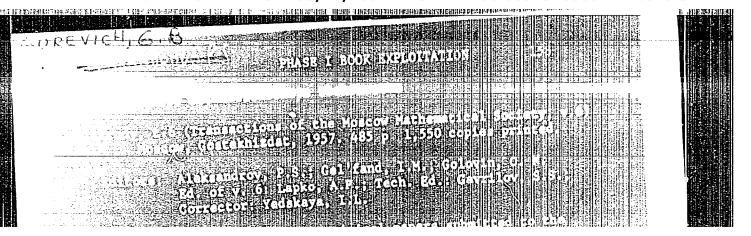
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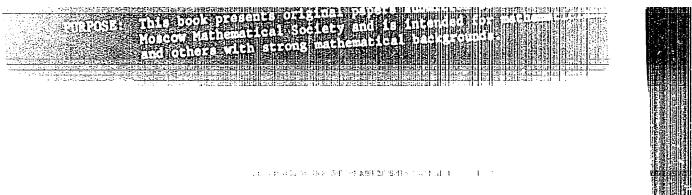
: October 10, 1953



	स्त्रा हिंग में हर है जिल्ला स्टब्स सारह सम
Gurenieh, G. B	
Call Nr: AF 110 Transactions of the Third All-union Mathematical Congress (Cont Jun-Jul '56, Trudy '56, V. 1, Sect. Rpts., Ezdatel stvo AN SSSR, Moscow, 1956 Vulikh, B. Z. (Leningrad). Semiordered Rings.	• Moscow.
Mention is made of Domrachev, G. I.	
There are 2 references, both of them USSR.	0.7
Gavrilov, L. I. (Leningrad). K-continued Polynomials.	21
There is 1 USSR reference	21
Grantmakher, F. R. (Moscow). On Structural Lattice Stability of the Sum of Two Polynomials.	21
Gurevich, G. B. (Moscow). Algebra of a Group of Automorphisms of an Arbitrary Standard Zero-algebra.	21-22
There are 2 references, both of them USSR.	
Zavalo, S. T. (Cherkassy). Operator Free Groups. Card 8/80	22-23







Transactions of the Moscow Mathematical Society

138

The definition of curves in a Euclidean plane π is given and the terminology used is established. The Σ set of curves under investigation satisfies the following condition: through any two points in a plane only one curve from Σ can be drawn; or, two different curves from Σ intersect at no more than one point. It is proven that any system of curves which satisfies the above condition is an infinite or central system.

Gurevich, G. B. Isomorphism Conditions of Standard Nullalgebras 165

The basic results of this article were presented at the October 5, 1954 session of the Moscow Mathematical Society. There are 4 references, all Soviet. One Soviet personality is mentioned; i.e., Sushkevich, A. K., author of a textbook on higher algebra.

Card 5/17

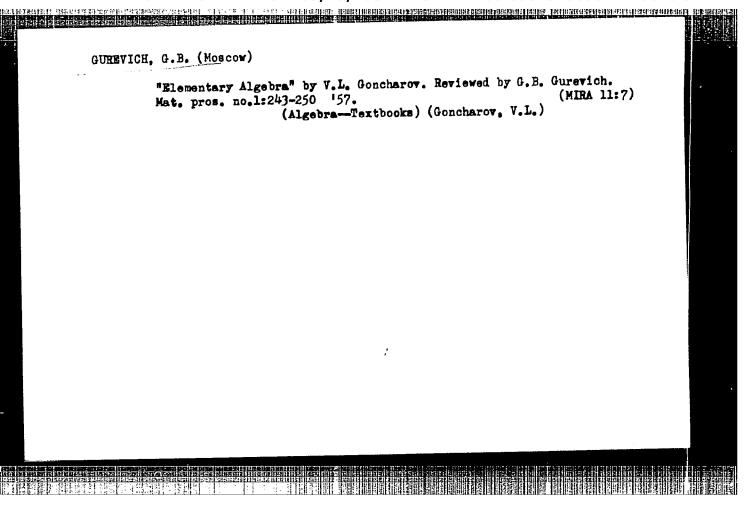
GUREVICH, G.B.

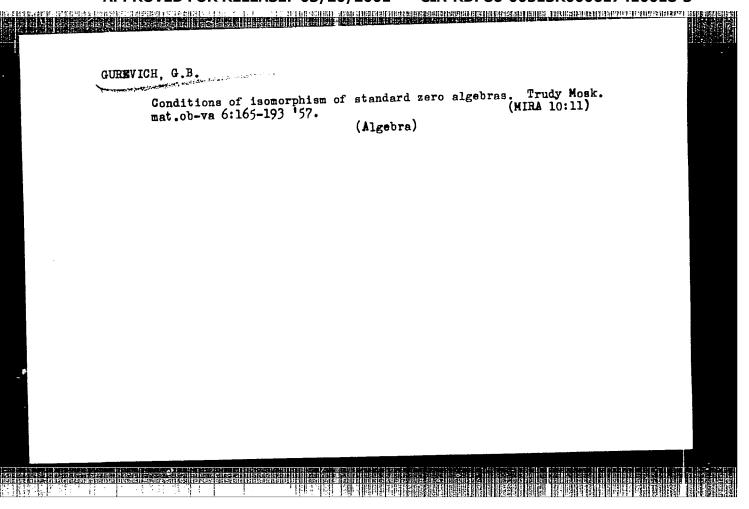
Algebra of differentiations of an arbitrary standard zero-algebra.

Izv.vys.ucheb.zav.; mat. no.1:103-120 *57. (MIRA 12:10)

1. Moskovskiv pedagogicheskiy institut im. V.I.Lenina.

(Algebra)





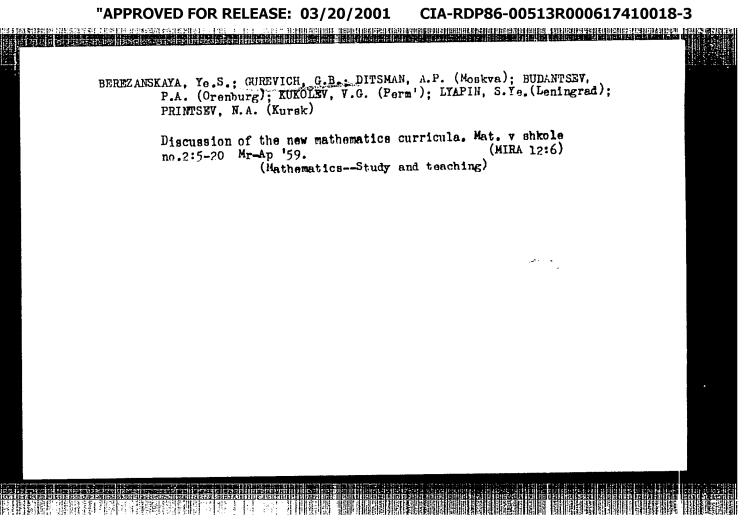
GUREVICH, G.B.; ZAIMANOVICH, Z.I.

IAe's orthogonally complementary algebras. Uch. zap MGFI 108:75-97
(57. (Algebra, Abstract)

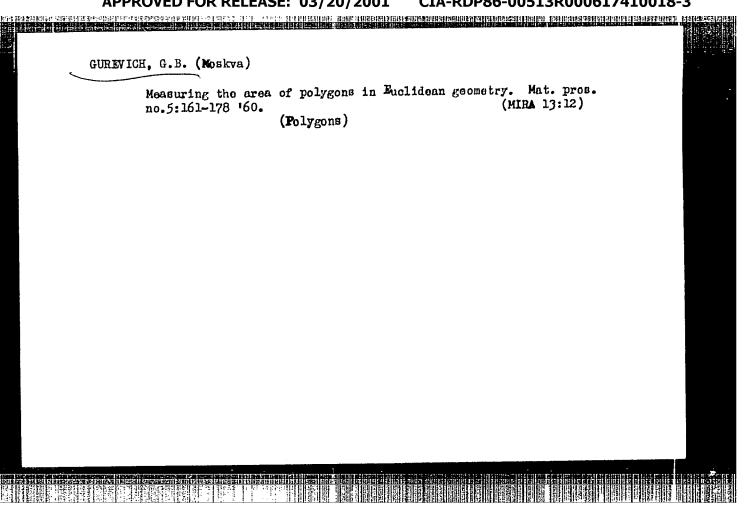
ATANASYAN, L.S.; GUREVICH, G.B.: IL'IN, A.S.; KOZ'MINA, T.L.; REDOZUBOVA, O.S.; NEMTSOVA, L.G., red.; DZHATIYEVA, F.Kh., tekhn.red. [Collection of problems in elementary geometry; textbook for teachers' institutes] Sbornik zadach po elementarnoi geometrii; posobie dlia pedagogicheskikh institutov. Moskva, Gos.uchebnopedagog.izd-vo M-va prosv. RSFSR, 1958. 94 p. (MIRA 12:4) (Geometry---Problems, exercises, etc.)

> CIA-RDP86-00513R000617410018-3" APPROVED FOR RELEASE: 03/20/2001

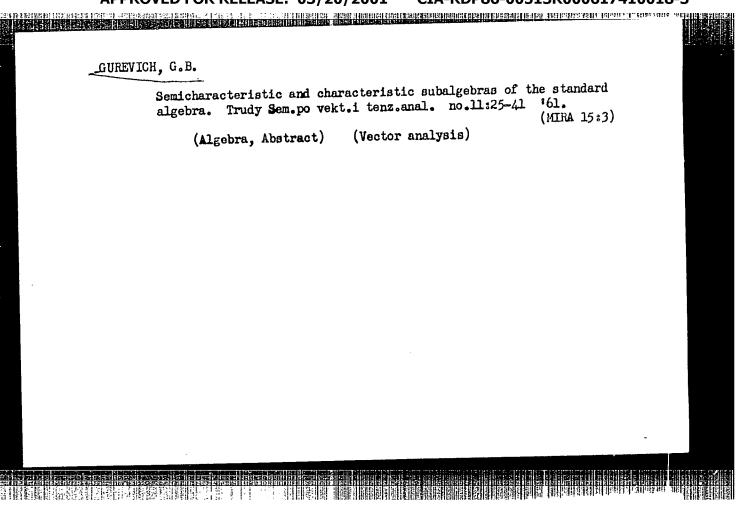
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CIA-RDP86-00513R000617410018-3" **APPROVED FOR RELEASE: 03/20/2001**



GURLVICH, G. B.

PHASE I BOOK EXPLOITATION

SOV/5726

Moscow. Universitet.

Trudy seminara po vektornomu i tenzornomu analizu s ikh prilozheniyami k geometrii, mekhanike i fizike. vyp. 11. (Transactions of the Seminar on Vector and Tensor Analysis With Their Application in Geometry, Mechanics, and Physics. no. 11) [Moscow] 1961. 314 p. 2,500 copies printed.

Sponsoring Agency: Moskovskiy gosudarstvennyy universitet imeni M. V. Lomonosova.

Ed. (Title page): P. K. Rashevskiy, Professor; Ed.: V. A. Gukovskaya; Tech. Ed.: K. S. Chistyakova.

PURPOSE: This book is intended for theoretical physicists, mathematicians, and engineers.

COVERAGE: The book contains reports presented at the Seminar on Vector and Tensor Analysis (Moscow, 1961), includes an annotated

card 1/5

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Transactions of the Seminar (Cont.)

SOV/5726

bibliography of some reports presented at Seminar meetings over the period 1 July 1954 through 31 December 1957, and reviews the life and works of Yakov Semenovich Dubnov! (1887-1957), senior member and cofounder (with V. F. Kagan and others) of the Seminar. Professor Dubnov's contributions to mathematics are reviewed in some detail and include his teaching of analytical and differential geometry with the application of vector analysis and works on problems in the algebra of affinors. Dubnov also wrote Osnovy vektornogo ischisleniya (Principles of Vector Calculus). Studied the general theory of nets on surfaces, and worked on studies of different types of nets and invariant characteristics of nets on surfaces, the central projective and affine theory of curves and surfaces, and related subjects. A chronological bibliography of his publications is included. The biographical sketch of Professor Dubnov was written by V. V. Vagner and A. M. Lopshits. No personalities are mentioned. References accompany individual articles.

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APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000617410018-3"

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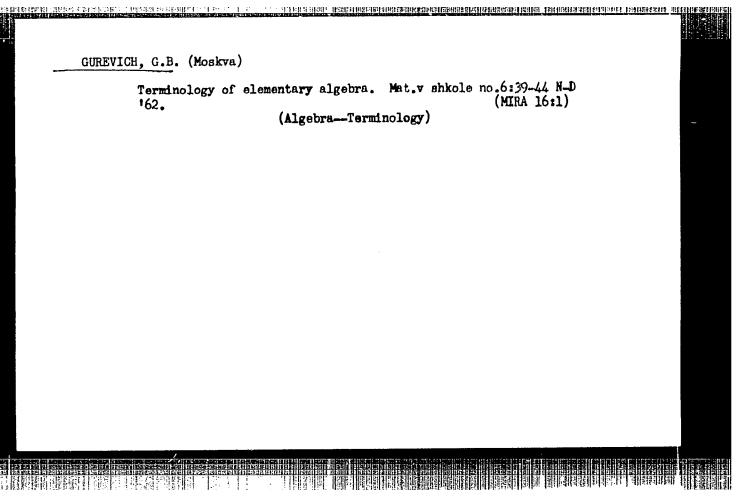
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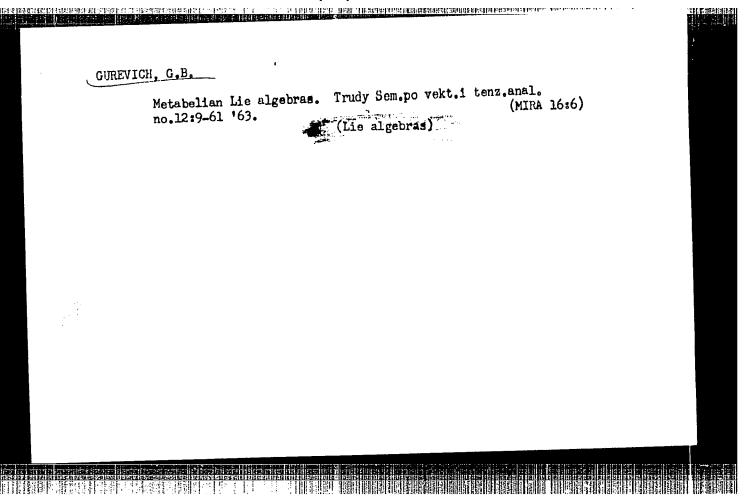
GUREVICH, G.B.

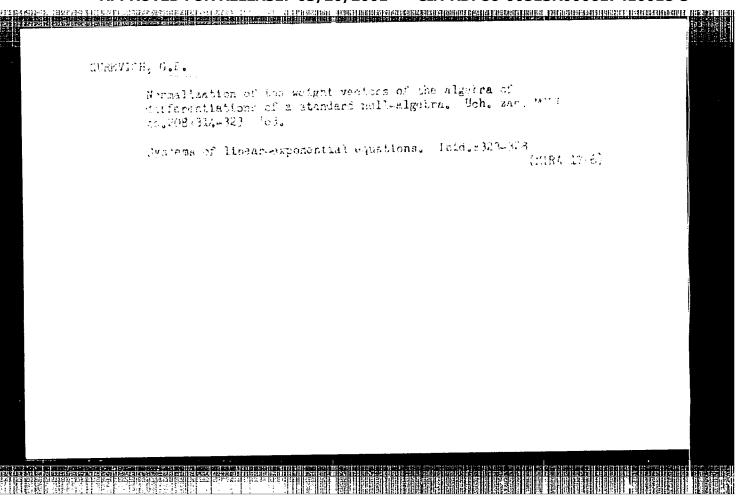
日本教授科学科学科学科学科学科学科学

Some properties of metabelian Lie algebras. Dokl.AN SSSR 138 no.5:998-1001 Je 161. (MIRA 14:6)

1. Moskovskiy gosudarstvennyy pedagogicheskiy institut im. V.I., Lenina. Predstavleno akademikom P.S.Novikovym. (Lie algebras)







ANANASYAN, Levon Sergeyevich; VASIL'YEVA, Mayya Vladimirovne, dots.; GUREVICH, Grigoriy Borisovich; IL'IN, Aleksandr Sergeyevich; KOZ'MINA, Tat'yana Leonidovna; REDOZUBOVA, Ol'ga Sergeyevna; DOLGOPOLOV, V.G., red.

[Problems in elementary geometry; textbook for pedagogical institutes] Sbornik zadach po elementarnoi geometrii; posobie dlia pedagogicheskikh institutov. Izd.2., perer. Moskva, Prosveshchenie, 1964. 93 p. (MIRA 17:7)

Cand Med Sci

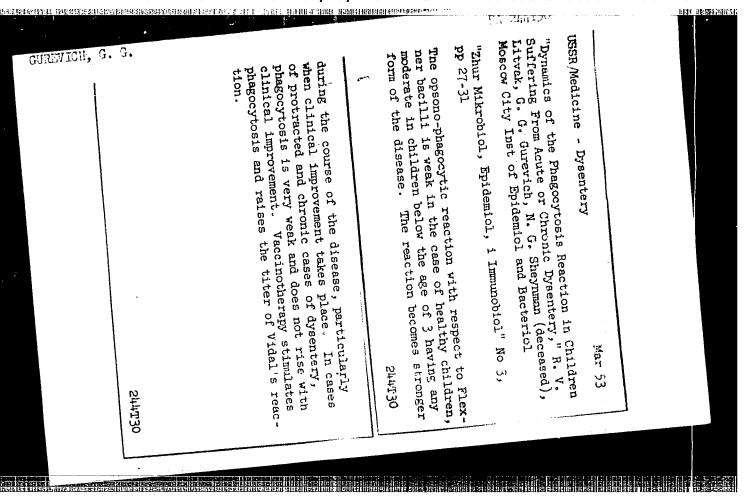
GUREVICH, G. G., PHYSICIAN

Dissertation: "Hygienic Rating of Swimming Pools." 30/1/50

Second Moscow State Medical Inst imeni

I. V. Stalin

SO Vecheryaya Moskva Sum 71



CUREVICH G. Leningrad Physico-Technical Inst imeni M. I. Kalinin, Acad Sci USSR

"Study of Polymers. III On the technique of the machanical testing of soft and hard rubber and plastics."

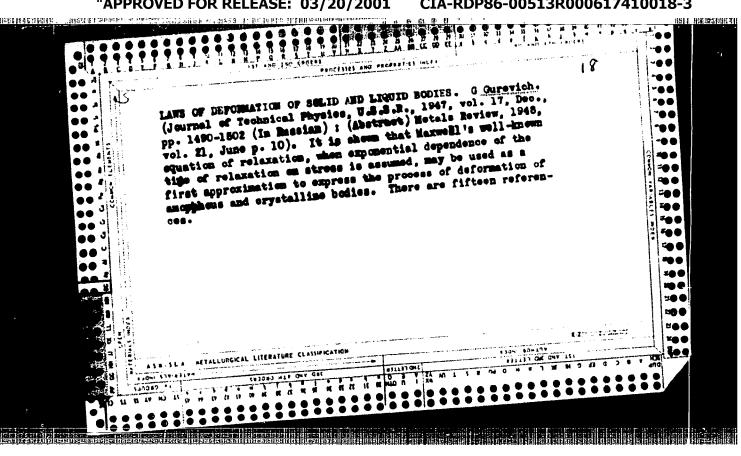
SOURCE: Acta Phys Vol 12, No 5, 1940

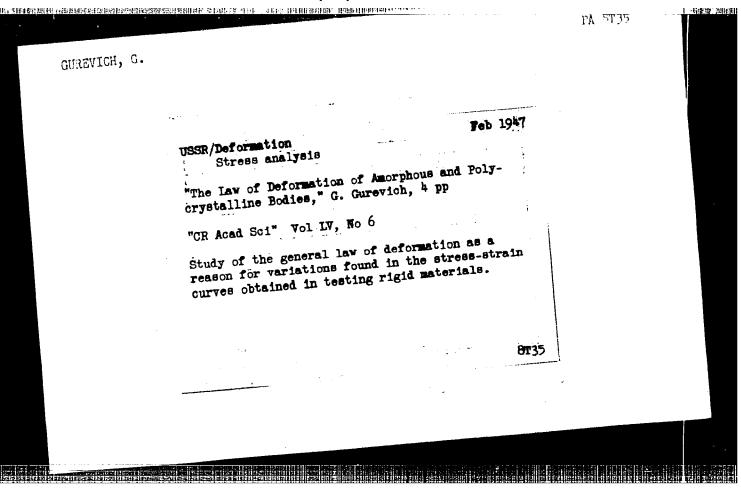
OUREVICH, G. I.

"The Deformation Law of Solids and Liquids." Sub 29 May 47, Moscow Order of Lenin State U imeni M. V. Lomonosov Canadata Physical Waith Sand

Dissertations presented for degrees in science and engineering in Moscow in 1947

SO: Sum No. 457, 18 Apr 55





SHADURSKIY, K.S., prof.; GUREVICH, G.I., kand.med.nauk

Effect of iprazid on resistance to hypoxemia in mice. Zdrav. Bel., (IPRONIAZID) (ANOXEMIA)

(IPRONIAZID) (ANOXEMIA)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000617410018-3"

GUREVICH, G. I.

USEN/Amgineering

Industica Essting

Heating - Flectric Units

"Industion Heating During Assembly and Operation of Electric Equipment," G. I. Gurevich, V. V. Mikheyev, Southern Electric Assembly Factory, Dneuropetrovsk, 1 p

"Promyshlemmaya Energetika" Vol IV, No 4

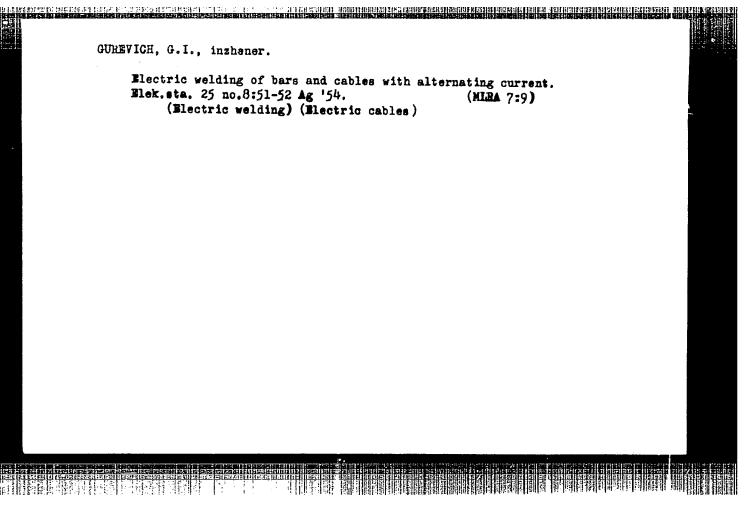
Discusses the industion circuit for penetration of wooden parts and heating of cable masses, as well as the drying of wooden beffle plates and containers for oil-filled breaking switches.

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			BILLA DEPARTMENT MEETING STATE TO THE		managround

- 1. GUREVICH, G.I.
- 2. USSR (600)
- 4. Drilling and Poring Machinery
- 7. Incorrect connection of an electric drill, Eng. Rab. energ. 3 no. 3, 1953.

9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953, Uncl.



GUREVICH, G. I

AID P - 1970

Subject

: USSR/Engineering

Card 1/1 Pub. 29 - 19/25

Author

Gurevich, G. I., Eng.

Lennes and the second second second

Title

Metal disc for cutting aceit plates

Periodical: Energetik, 4, 31, Ap 1955

Abstract

The author suggests replacing the corundum discs used to cut aceit insulating plates by metal discs. The corundum. discs easily break and are non-economical,

while metal discs are much more reliable.

Institution:

None

Submitted: No date

GUREVICH. Gedaliy, Il'ich; KOFMAN, K.D., redaktor; MEDVEDEV, L.Ya., teknnichesky redaktor

[Organization of electric installation work in the construction of industrial enterprises] Organizatsiia elektormontashnykh rabot ma stroitel'stve promyshlennykh predpriistii. Moskva, Gos. energ. izd-vo, 1957. 215 p.

(Electric engineering)

CIA-KUP86-UU513R000617410018-3 GUREVICH, G.I., inzhener. Activating electric installation work. Prom. energ. 12 no.4:32-33 Ap (MIRA 10:5) 157. 1. Daspropetrovskoye montashnoye upravleniye "Yushelektromontash". (Blectric engineering)

> APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000617410018-3"

GUREVICH, Gedeliy Il'ich; KOFMAN, K.D., red.; LARIONOV, G.Ye., tekhn.red.

[Organization of electric-wiring operations in constructing industrial buildings] Organizatsiia elektromontazhnykh rabot na stroit-stre promyshlennykh predpriistii. Izd.2., perer.

Moskva, Gos.energ.izd-vo, 1960. 271 p.

(Electric wiring) (Industrial buildings)

(Electric wiring)

GURREVICH, Gedeliy Illich; NEMCHUNOVA, O., red.; GORKAVENKO, L., tekhn.red.

[Instellation, repair, and operation of electric equipment in metallurgical enterprises] Kontazh, remont i ekspluatatsila elektrooborudovaniis metallurgicheskikh predpriistii. Kiev.

Gos.izd-vo tekhn.lit-ry USSR, 1960. 327 p.

(MIRA 13:12)

(Metallurgical plants--Electric equipment)

USSR/Geophysics - Geodynamics

Card 1/1

Author

: Gurevich, G. I.

Title

: So-called "mechanical analysis" in geological literature

Periodical

: Izv. AN SSSR, Ser. geofiz. 3, 264-279, May/Jun 1954

Abstract

: Resume of a report read by the author at a joint seminar of the Division of Physics of the Earth and the Division of Geodynamics, Geophysics Institute, Acad Sci USSR. Treats methods for the application to geology of the Jacobi principles of mechanics, found in the literature of American tectonists over the past 60 years and having obtained wide-spread currency in other countries, including the USSR. Shows that the noncritical following of these "methods" in Soviet geological literature has led to deep-rooted absurdities of no theoretical or

practical use. 21 references-16 Soviet.

Institution : Geophysics Institute, Acad Sci USSR

Submitted

: June 17, 1953

CIA-RDP86-00513R000617410018-3" **APPROVED FOR RELEASE: 03/20/2001**

GUREVICH, G. I. USSR/Cophysics - Criticism

FD-763

Card 1/1

: Pub 44-11/11

Author

Gurevich, G. I.

Title

Letter to the editor

Periodical

: Izv. AN SSSR, Ser. geofiz., 496, Sep-Oct 1954

Abstract

: States that the editorial comment prefacing his article "So-called mechanical analysis," in issue No. 3 (1954) was incorrect. The comment asserted that the author ascribes to Soviet geologists "conscious objection of researchers to utilize methods of physics and mechanics."

Tnstituion

Submitted

CIA-RDP86-00513R000617410018-3" **APPROVED FOR RELEASE: 03/20/2001**

GUREVICH, G. I.
USSR/Goophysics - Tectonic block formation

FD-755

Card 1/1

: Pub 44-3/11

Author

: Gurevich, G. I.

Title

: Problem of the mechanism governing the division of rock strata into

blocks

Periodical

: Izv. AN SSSR, Ser. geofiz., 411-414, Sep-Oct 1954

Abstract

: Studies the fundamental factors that condition the possibilty of a hard lamina breaking up into separate blocks where the lamina is compressed between two layers of plastically deformable material. Two references: V. V. Belousov and A. A. Sorskiy, both in Trudy Geofizicheskogo instituta

(1952).

Institution

: Geophysics Institute, Acad. Sci. USSR

Submitted

: July 18, 1953

SOV/124-58-3-3297

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 3, p 108 (USSR)

AUTHOR: Gurevich, G. I.

TITLE: On the "Mechanical Analysis of Problems of Tectonics" in Its

Traditional Exposition (Survey of Textbooks on Structural Geology) (O "Mekhanicheskom analize voprosov tektoniki" v

yego traditsionnom izlozhenii. [Obzor rukovodstv po

strukturnoy geologii])

PERIODICAL: Tr. Geofiz. in-ta AN SSSR, 1955, Nr 31, pp 3-106

ABSTRACT: An extensive critical review of the methods of the applica-

tion, in geological literature, of physical and mechanical information used as the basis of "mechanical analysis" of the deformation of the earth's crust. The survey comprises 8 chapters: 1. Typical Samples of the Presentation of "Fundamentals of Mechanics" in Geological Literature. 2. The "Ellipsoid of Deformation" by "G. Bekker". 3. Utilization of Experimental Data in Geology and the "Bukher" "Theory",

4. "Mechanical Analysis" and Real Fundamentals of Tectonics. 5. Deformation of Earth's Crust and Deformation of a

Card 1/2 Cube. 6. "Physical" Fundamentals of "Mechanical Analysis".

SOV/124-58-3-3297

On the "Mechanical Analysis of Problems of Tectonics" (cont.)

7. Textbooks of Recent Years. 8. On the So-called "Stress Hypothesis". Convincingly albeit too protractedly it is shown that gross distortions of the fundamental concepts of mechanics and errors committed in books on structural geology render the respective chapters worthless and unapplicable. Some considerations are presented concerning ways of utilizing the mechanics of a deformed body in the problems of tectonics.

G. Yu. Dzhanelidze

Card 2/2

SOV/124-58-1-1934

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 1, p 136 (USSR)

AUTHOR: Gurevich, G. I.

TITLE: On the Nature of Slow Earth Movements Related to Earthquakes (K

voprosu o prirode medlennykh dvizheniy, svyazannykh s zemletryase

niyami)

PERIODICAL: Tr. Geofiz. in-ta AN SSSR, 1955, Nr 31 pp 135-154

ABSTRACT: Bibliographic entry

Card 1/1

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Managar dan daken Managar dan daken GUREVICH, G. I.

USSR/Physics of the Earth - Seismology, 0-3

Abst Journal: Referat Zhur - Fizika, No 12, 1956, 36380

Author: Gurevich, G. I.

Institution: Institute of the Physics of the Earth, Academy of Sciences USSR,

Moscow

Title: On the Problem of the Physical Foundations of the Theory of Propa-

gation of Elastic Waves

Original

Periodical: Tr. Geofiz. in-ta AN SSSR, 1955, No 30, 314-348

Abstract: The equations of propagation of waves in a nonideal elastic medium

are obtained in most cases by introducing into the generalized Hooke's law additional "elastic stresses" proportional to the velocity of the deformation. Thus the connection between the tangent stresses σ_{12} and the shear deformation ε_{12} are written in the form $\sigma_{12} = \mu^{\varepsilon}_{12} + \mu' \frac{d\varepsilon_{12}}{dt}$ (1)

 $(\mu$ is the shear modulus and μ' the coefficient of "internal

Card 1/5

USSR/Physics of the Earth - Seismology, 0-3

Abst Journal: Referat Zhur - Fizika, No 12, 1956, 36380

Abstract: friction"). However equations of type (1) have no physical meaning. For example at $\frac{d\xi_{12}}{dt}$ = const = V it follows from (1) that for the

instant t = 0 we have $\mathbf{6}_{12}$ = 0 and σ_{12} = μ 'V, i.e., the results that the stress occurs in the undeformed volume element. Equations of type (1) are suitable only for the description of attenuation such as is caused by the resistance of the surrounding medium, but does not follow from the deformation mechanism itself. In a real body, the stresses are smaller (owing to their relaxation) than in an ideally alastic medium. This is taken into account by the equations of B. Deryagin (Zh. geofiziki, 1931, 1, 207; 1932, 2, 337), in which the 2 components of stress are connected by a minus sign, which is equivalent to representing the strain in the form of a sum (and not a difference) of its elastic and inelastic components. The author starts from the same concept, indicating that in the most general case it is characterized by the known Maxwell relaxation equation. which can be supplemented by an analysis of not only the elastic (Hooke) and residual deformation, but also by the deformation of the elastic aftereffect. According to preceding works by the author

Card 2/5

 USSR/Physics of the Earth - Seismology, 0-3

Abst Journal: Referat Zhur - Fizika, No 12, 1956, 36380

Abstract:

提出描述。例表例将所言基於186到以在右部數據自在menn \$150mm

(Zh. tekhn. fiziki, 1947, 17, 1491; Tr. Geofiz. in-ta AN SSSR, 1953, No 21 (148); 1955, No 31 (158)), an exponential relationship exists between the time of relaxation T and the voltage, which when taken into account in the Maxwell equation describes in basic cutlines the mechanical properties of a homogeneous isotropic body over the entire range of its state, from the solid to the liquid. If the stresses occurring during the vibrations are small; T can be assumed constant and the equations of the oscillations reduced to

 $\frac{\partial}{\partial t} \left[(\lambda + \mu) \frac{\partial \sigma}{\partial x} + \mu \nabla^2 u \right] = \rho \frac{\partial^2 u}{\partial t^2} + \frac{\rho}{T} \frac{\partial^2 u}{\partial t^2} - \frac{k}{T} \frac{\partial \sigma}{\partial x}$ (2)

with analogous expressions for the 2 other components of the displacement (they can be obtained also as a particular case of the relationships, derived by Ya. Frenkel' and Yu. Obraztsov (Zh. eksperim. i teor. fiziki, 1939, 9, 1081). In the case of plane longitudinal waves, equation (2) yields

 $\frac{\partial}{\partial t} \left[(\lambda + 2\mu) \frac{\partial^2 u}{\partial x^2} \right] = \rho \frac{\partial^2 u}{\partial t^2} + \frac{\rho}{T} \frac{\partial^2 u}{\partial t^2} - \frac{k}{T} \frac{\partial^2 u}{\partial x^2}$ (3)

which as T approaches zero (Pascal liquid) gives the same velocity of longitudinal wave $\sqrt{k/\rho}$ as the ideal liquid; in the other limiting

Card 3/5

 USSR/Physics of the Earth - Seismology, 0-3

Abst Journal: Referat Zhur - Fizika, No 12, 1956, 36380

Abstract: case, when T approaches infinite (ideally-elastic body) the velocity of the longitudinal wave is $\frac{1}{\lambda + 2\mu}$. For all the states of the body,

the transverse waves propagate with a velocity $c_3 = \sqrt{\mu/g}$. In a medium close to the ideally-elastic one, the transverse waves attenuate somewhat faster than the longitudinal waves, and the longer waves length have a smaller phase velocity. As T diminishes, the attentuation of the longitudinal wave first increases, but then diminishes. This can be used to explain the "absence" of longitudinal waves and the presence of longitudinal waves in the core of the earth. Using as an example the deformation of a rod with constant speed of increase in stresses, it is shown that allowance for the dependence of T on the voltage makes it possible to explain the sharp increase in the logarithmic decrement of the attenuation δ with the increasing amplitude of oscillations at a given frequency (a promenon observed during the investigation of mechanical oscillations in solids), and also the practical independence of ${\bf S}$ on the frequency at large stresses. Based on equations (2) one considers a change in the wave form of the plane transverse wave with time

Card 4/5